

Claims

What is claimed is:

- 1 1. A computer controlled display system for generating
2 quality assurance contract requirements for software
3 suppliers comprising:
 - 4 means for assessing the quality level of each of a
5 set of quality attributes of said software suppliers; and
 - 6 means for generating for each of said quality
7 attributes at least one contract requirement for said
8 supplier based upon the quality level of said attribute.
- 1 2. The computer controlled display system of claim 1
2 wherein:
 - 3 said means for assessing the quality level includes
4 means for determining one of a plurality of quality
5 levels for each of said set of quality attributes, and
 - 6 said means for generating includes means for
7 generating a different contract requirement for each of
8 said quality levels for each attribute.
- 1 3. The computer controlled display system of claim 2
2 wherein no contract requirement is generated for at least
3 one of said quality levels for at least one of said
4 quality attributes.
- 1 4. The computer controlled display system of claim 2
2 wherein said means for determining said quality levels
3 determines said levels dynamically during the system
4 operation.

1 5. The computer controlled display system of claim 2
2 wherein:

3 said set of quality attributes consists of a single
4 overall quality characteristic having several
5 predetermined quality levels, and

6 said means for generating provides a plurality of
7 contract requirements for each of said predetermined
8 quality levels.

1 6. The computer controlled display system of claim 1
2 wherein said contract requirement involves tracking and
3 reporting of said software development.

1 7. The computer controlled display system of claim 1
2 wherein said contract requirement involves tracking and
3 reporting of testing of said software.

1 8. The computer controlled display system of claim 1
2 wherein said contract requirement involves software
3 supplier risk identification and reduction.

1 9. The computer controlled display system of claim 1
2 wherein said contract requirement involves the management
3 processes of said supplier.

1 10. The computer controlled display system of claim 1
2 wherein:

3 said display system assigns said software supply
4 function to said software supplier in an overall work
5 flow distribution system; and

6 said means for generating automatically generate and
7 distribute said contract requirements to said supplier in
8 response to the selection of said supplier.

1 11. A method for generating, on a user interactive
2 computer controlled display system, quality assurance
3 contract requirements for software suppliers comprising:
4 assessing the quality level of each of a set of
5 quality attributes of said software supplier; and
6 generating for each of said quality attributes at
7 least one contract requirement for said supplier based
8 upon the quality level of said attribute.

1 12. The method of claim 11 wherein:
2 said step of assessing the quality level includes
3 determining one of a plurality of quality levels for each
4 of said set of quality attributes, and
5 generating a different contract requirement for each
6 of said quality levels for each attribute.

1 13. The method of claim 12 wherein no contract
2 requirement is generated for at least one of said quality
3 levels for at least one of said quality attributes.

1 14. The method of claim 12 wherein said step of
2 assessing said quality levels determines said levels
3 dynamically during the system operation.

1 15. The method of claim 12 wherein:
2 said set of quality attributes consists of a single
3 overall quality characteristic having several
4 predetermined quality levels, and
5 a plurality of contract requirements for each of
6 said predetermined quality levels is generated.

1 16. The method of claim 11 wherein said contract
2 requirement involves tracking and reporting of said
3 software development.

1 17. The method of claim 11 wherein said contract
2 requirement involves tracking and reporting of testing of
3 said software.

1 18. The method of claim 11 wherein said contract
2 requirement involves software supplier risk
3 identification and reduction.

1 19. The method of claim 11 wherein said contract
2 requirement involves the management processes of said
3 supplier.

1 20. The method of claim 11 wherein:
2 said software supply function is assigned to said
3 software supplier in an overall work flow distribution
4 method; and
5 said contract requirements are automatically
6 generated and distributed to said supplier in response to
7 the selection of said supplier.

1 21. A computer program having program code included on a
2 computer readable medium operable in a computer
3 controlled display system for generating quality
4 assurance contract requirements for software suppliers
5 comprising:

6 means for assessing the quality level of each of a
7 set of quality attributes of said software supplier; and
8 means for generating for each of said quality
9 attributes at least one contract requirement for said
10 supplier based upon the quality level of said attribute.

1 22. The computer program of claim 21 wherein:
2 said means for assessing the quality level includes
3 means for determining one of a plurality of quality
4 levels for each of said set of quality attributes, and
5 said means for generating includes means for
6 generating a different contract requirement for each of
7 said assessed quality levels for each attribute.

1 23. The computer program of claim 22 wherein no contract
2 requirement is generated for at least one of said quality
3 levels for at least one of said quality attributes.

1 24. The computer program of claim 22 wherein said means
2 for assessing said quality levels determines said levels
3 dynamically during the system operation.

1 25. The computer program of claim 22 wherein:
2 said set of quality attributes consists of a single
3 overall quality characteristic having several
4 predetermined quality levels, and
5 said means for generating provides a plurality of
6 contract requirements for each of said predetermined
7 quality levels.

1 26. The computer program of claim 21 wherein said
2 contract requirement involves tracking and reporting of
3 said software development.

1 27. The computer program of claim 21 wherein said
2 contract requirement involves tracking and reporting of
3 testing of said software.

1 28. The computer program of claim 21 wherein said
2 contract requirement involves software supplier risk
3 identification and reduction.

1 29. The computer program of claim 21 wherein said
2 contract requirement involves the management processes of
3 said supplier.

1 30. The computer program of claim 21 wherein:
2 said display system assigns said software supply
3 function to said software supplier in an overall work
4 flow distribution system; and
5 said means for generating automatically generate and
6 distribute said contract requirements to said supplier in
7 response to the selection of said supplier.